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TRANSMITTAL LETTE

ATTORNEY'S O THE UNITED STATES

ET NUMBER CF 1.5)

DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO HIT KNOWN, See 35 To Be Assigned 7 1 9 5
INTERNATIONAL APPLICATION NO. PCT/JP02/07021	INTERNATIONAL FILING DATE 10 July 2002	PRIORITY DATE CLAIMED
TITLE OF INVENTION	······································	

Cooling		
APPLICANT(S) FOR DO/EO/US Hiroshi ICHIGAYA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. 🛛	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.	
2. 🔲	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.	
3. 🔲	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.	
4. 🛛	The US has been elected (Article 31).	
5. 🛛	A copy of the International Application as filed (35 U.S.C. 371(c)(2)))	
	a. is attached hereto (required only if not communicated by the International Bureau).	
	b. An has been communicated by the International Bureau.	
	c. is not required, as the application was filed in the United States Receiving Office(RO/US)	
6. 🛛	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).	
	a. X is attached hereto.	
	b. has been previously submitted under 35 U.S.C. 154(d)(4).	
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))	
	a. are attached hereto (required only if not communicated by the International Bureau).	
	b. have been communicated by the International Bureau.	
	c. have not been made; however, the time limit for making such amendments has NOT expired.	
	d. have not been made and will not be made.	
8. 🗌	An English långuage translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9. 🗌	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
10. 🗌	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
Items 1	11 to 20 below concern document(s) or information included:	
11. 🛛	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
12. 🗌	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.	
13. 🖾	A preliminary amendment.	
14. 🛛	An Application Data Sheet under 37 CFR 1.76.	
15. 🔲	A substitute specification.	
16. 🗌	A power of attorney and/or address letter.	
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.	
18. 🔲	A second copy of the published international application under 35 U.S.C. 154(d)(4).	
19. 🗌	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).	
20. 🛛	Other items or information: International Search Report; PCT/IB/308	

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Under the Paperwork Act of 1995, no persons are required to respond to a collection of info unless it displays a valid OMB control number U.S. APPLICATION NO. (If known, INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER 55743US CALCULATIONS PTO USE ONLY 21. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1110.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$1,000.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = \$1,000.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)) \$ **CLAIMS** NUMBER FILED NUMBER EXTRA RATE **Total Claims** 42 - 20 = 22 × \$50.00 \$1,100.00 x \$200.00 0 \$ Independent Claims 3 - 3 = + \$360.00 MULTIPLE DEPENDENT CLAIMS(S) (if applicable) \$ 360.00 TOTAL OF ABOVE CALCULATIONS = \$ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced \$ SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(f)). **TOTAL NATIONAL FEE =** \$ Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ **TOTAL FEES ENCLOSED =** \$ 2,460.00 Amount to be \$ refunded: Amount to be S charged: a. 🛛 A check in the amount of \$2,460.00 to cover the above fees is enclosed. Please charge my Deposit Account No. <u>05-1323</u> in the amount of <u>\$</u> to cover the above fees. A duplicate copy of this sheet is enclosed. \bowtie The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposition Account No. 05-1323. A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card d. ___ information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: **Crowell & Moring LLP** PO Box 14300 **Herbert I. Cantor** Washington NAME 20044-4300 24,392 REGISTRATION NUMBER